

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2018

Marysville Levee Commission

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Simmerly Slough	Left	3.23	10/31/2018 10/31/2018	Sterling York

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_NA0004_01_s_2013_4				
Comment Code					
Inspector Comment					
O&M manuals are located at the district office.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_NA0004_01_s_2013_5				
Comment Code					
Inspector Comment					
LMA has adequate emergency flood fight supplies which are at their shop/office located at 214 1st St.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0004_01_s_2013_6				
Comment Code					
Inspector Comment					
NA0004 employees participate in a flood fight training that is sponsored by RD784 each year.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Simmerly Slough	Left	3.23	10/31/2018 10/31/2018	Sterling York

LM Start	0.45	Rating **	A/W	Issue No.	37
LM End	0.45	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.153107 °	39.153107 °
				-121.594835 °	-121.594835 °
DWR ID	19090				
Comment Code					
Inspector Comment					
FS_ID:52792					
DS_ID:19090					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through levee, 27 feet below crown. Flap gate and concrete "U" headwall on waterside (WS) end. Slide gate in 48-inch corrugated metal riser on WS slope of pipe. Steel walkway to control gate. Outfall drains from Ellis Lake. Concrete headwall at both toes. Concrete base under riser units. Steel riser unit and slide gate added under Permit No. 4041, 1962-Marysville Levee Commission. [Additional Reference(s): DWR Levee Logs, 1993 and 2005. USACE Sacramento O&M Manual Unit No. 147, August 1955, (Station 8+48)]					
FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_FA_2018_52792_69744.jpg



View of outlet located on waterward side under toe road.

LM Start	0.45	Rating **	A/W	Issue No.	37 (cont)
LM End	0.45	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_FA_2018_52792_69743.jpg



View of waterward side from toe road.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 Simmerly Slough	Left	3.23	10/31/2018 10/31/2018	Sterling York

LM Start	0.45	Rating **	A/W	Issue No.	37 (cont)	
LM End	0.45	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.153107°	39.153107°	
				-121.594835°	-121.594835°	
DWR ID	19090					
Comment Code						
Inspector Comment						
FS_ID:52792						
DS_ID:19090						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 36-inch corrugated metal drainage pipe through levee, 27 feet below crown. Flap gate and concrete "U" headwall on waterside (WS) end. Slide gate in 48-inch corrugated metal riser on WS slope of pipe. Steel walkway to control gate. Outfall drains from Ellis Lake. Concrete headwall at both toes. Concrete base under riser units. Steel riser unit and slide gate added under Permit No. 4041, 1962-Marysville Levee Commission. [Additional Reference(s): DWR Levee Logs, 1993 and 2005. USACE Sacramento O&M Manual Unit No. 147, August 1955, (Station 8+48)]						
FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_FA_2018_52792_69742.jpg



View of waterward slope.

LM Start	1.56	Rating **	A/W	Issue No.	15
LM End	1.56	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.160854°	39.160854°
				-121.587375°	-121.587375°
DWR ID	DWR_NA0004_01_f_2016_15				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes where squirrels have been active were backfilled, Fall 2018.					

No Photos

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* Location	** Rating	+ Issue Type
LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Feather River	Left	1.25	10/31/2018 10/31/2018	Sterling York

LM Start	0.85	Rating **	M	Issue No.	14
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.138463 °	39.138463 °
				-121.599168 °	-121.599168 °
DWR ID	DWR_NA0004_02_f_2016_14				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Remove steps that are cut into levee slope, Fall 2017.					

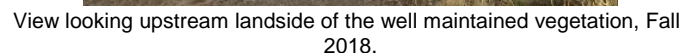
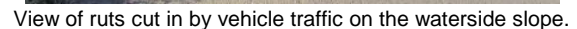
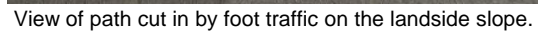
Photo 1 of 1 : FA_2018_NA0004_105_14_20180918_00005.jpg



View of steps for foot path in the landside levee slope.

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 Yuba River	Right	6.79	10/31/2018 10/31/2018	Sterling York

LM Start	2.15	Rating **	M	Issue No.	39
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.154440 °	39.154440 °
				-121.569839 °	-121.569839 °
DWR ID	DWR_NA0004_03_f_2016_39				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Erosion from foot traffic should be repaired, Spring 2018.					

Photo 1 of 1 : FA_2018_NA0004_106_39_20180918_00011.jpg



View looking upstream of foot path that has cut into the landside levee slope.

LM Start	2.21	Rating **	M	Issue No.	40
LM End	2.21	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.155076 °	39.155076 °
				-121.568970 °	-121.568970 °
DWR ID	DWR_NA0004_03_f_2016_40				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Ruts from foot traffic should be repaired.					

Photo 1 of 1 : FA_2018_NA0004_106_40_20180918_00012.jpg



View looking downstream landside of foot path that is cut into the landside levee slope.

*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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Unit No. 03 Yuba River	Right	6.79	10/31/2018 10/31/2018	Sterling York

LM Start	3.52	Rating **	A	Issue No.	17 (cont)
LM End	6.78	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			39.170162 °	39.202383 °
				-121.554591 °	-121.511191 °
DWR ID	DWR_NA0004_03_f_2018_17				
Comment Code					
C3 : Add appropriate gravel or road base. Grade and compact.					
Inspector Comment					
Patrol road resurfaced, Fall 2018.					

Photo 2 of 2 : FA_2018_NA0004_106_17_20181108_00047.jpg



View looking upstream at the end of patrol road resurfaced with aggregate base, Fall 2018.

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